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METHOD A	ND APPARATUS	FOR SIMULTANEOU	S COLLECTION OF TIME	RESOLVED	
INFRARED	SPECTRAL INFO	RMATION FROM MU	LTIPLE SAMPLES, the spo	ecification of w	/hich
	eck one)		attached hereto.		
	-	X w	as filed on <u>17 July 2000 🗸</u>		_as
	Unite	ed States Application Se	rial No. 10/031,179		_or
	PCT	International Application	n No.		_
	and v	vas amended on			_••
		(it	f applicable)		
[he	reby declare that I l	have reviewed and under	rstand the contents of the ab	ove identified	
			nendment referred to herein		
-F	, S	in, no minoritate by unity an		•	
	knowledge the duty Federal Regulations		which is material to patenta	bility as define	d in Title
foreign appli	ication(s) for patent	or inventor's certificate	itle 35, United States Code, on which priority is claimed	l (as listed belo	w) and I
		oreign application for path which priority is claime	atent or inventor's certificated d:	: having a filing	g date
Prior Foreign	n Application(s)			Priority C	Claimed
(Number)	(Country)	(Day/Month/Year	Filed)	Yes	No
(Number)	(Country)	(Day/Month/Year	Filed)	Yes	— No
	reby claim benefit upplication(s) listed		tates Code, § 119(e) of any	United States	
60/144,302	_		07/16/1999		
			Filing Date		-
60/185,680 ~			02/28/2000		
Application 1			Filing Date		-
I ha	rahy claim the hone	fit under Title 25. Unite	d States Code \$120 eferm	I I:4- d Casas	
application(s	teby Claim the bene	incofor as the subject me	d States Code, §120 of any atter of each of the claims of	United States	m io mot
			anner provided by the first p		
			close material information a		
			etween the filing date of the		
the national	or PCT internationa	I filing date of this appli	cation:	риог аррисан	on and
		17 July 2000 🗸			
PCT/US00/1 (Application		(Filing Date)	(Status)(Patented, Pend	ing, Abandoned	d)
	·		,	J.	•
(Application	Serial No.)	(Filing Date)	(Status)(Patented, Pending, Abandoned)		<u></u> (t

7-

And I hereby appoint Paul J. Maginot, Registration No. 34.984, Harold C. Moore, Registration No. 37.892, Bruce J. Bowman, Registration No. 35.458, David M. Lockman, Registration No. 34.214. Jeffrey D. Carter, Registration No. 37.795, Michael D. Beck, Registration No. 32.722 and Keith J. Swedo, Registration No. 43,176 as attorneys of record with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith. Please direct all communications regarding the application to:

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Full name of Sole of first inventor Jochen A. Lauterbach	
Inventor's signature Jobe Zaulan	Date: 6/10/02
Residence 4308 Cathedral Court, West Lafayette, IN 47906	
Citizenship DE	
Post Office Address same as above	
Full name of second inventor <u>Christopher M. Snively</u>	
Inventor's signature	Date:
Residence 65932 McGregor Road, Bellaire, OH 43906	Date:
Citizenship United States of America	
Post Office Address same as above	
Full name of third inventor Jan P. Heumann	
Inventor's signature	Date:
Residence Stubenrauchstr. 67, 12161, Berlin, DE 12161	Date.
Citizenship DE Post Office Address same as above	
Post Office Address same as above	
Full name of fourth inventor <u>Gudbjorg Oskarsdottir</u>	
Inventor's signature	Date:
Residence 3037 Courthouse Drive W. #3C, West Lafayette, Indiana 479	906
Citizenship IS	
Post Office Address same as above	
	

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METHOD AND APPARATUS FOR SIMULTANEOUS COLLECTION OF TIME RESOLVED

INFRARED	SPECTRAL	INFORMATION FROM M	ILL TIPLE SAMPLES the sp	ecification of	uhiah
INFRARED SPECTRAL INFORMATION FROM MULTIPLE SAMPLES, the specification of which (check one) is attached hereto.				vnicn	
		X	was filed on 17 July 2000		as
		United States Application :	Serial No. 10/031 179		or
		Te i international Applica	tion No.		_01
		and was amended on			-
			(if applicable)		_ *
I he specification	ereby declare to the including the	nat I have reviewed and und claim, as amended by any	derstand the contents of the ab amendment referred to herein	ove identified	
I ac 37, Code of	knowledge the Federal Regula	duty to disclose informations, §1.56.	on which is material to patenta	bility as define	d in Title
have also ide	entified below	atent or inventor's certificat	Title 35, United States Code, to on which priority is claimed patent or inventor's certificate ned:	les listed halo	I bee (ve
Prior Foreign	n Application(s	9)		Priority C	laimed
(Number)	(Country)	(Day/Month/Yea	ar Filed)	Yes	No
(Number)	(Country)	(Day/Month/Yea	ar Filed)	Yes	No
I he provisional a	reby claim ben pplication(s) li	efit under Title 35, United sted below.	States Code, § 119(e) of any I	Jnited States	
60/144,302	_		07/1//1000	_	
Application 1	Vumber		<u>07/16/1999</u>		
60/185,680 -		-	Filing Date		
Application 1		· · · · · · · · · · · · · · · · · · ·	Filing Date		
disclosed in the United States Code of Fede	he prior United Code, §112, I ral Regulations	ind, insofar as the subject m I States application in the macknowledge the duty to di	ed States Code, §120 of any Unatter of each of the claims of tanner provided by the first pasclose material information as between the filing date of the	this application tragraph of Title defined in Title	e 35,
PCT/US00/19	9325 -	17 Into 2000			
(Application		17 July 2000 (Filing Date)	(Chatra)/D		
		(rining Date)	(Status)(Patented, Pendir	ng, Abandoned)
(Application S	Serial No.)	(Filing Date)	(Status)(Patented, Pendir	ng, Abandoned)

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	Full name of Sole or first inventor <u>Jochen A. Lauterbach</u>	
	Inventor's signature	Date:
	Residence 4308 Cathedral Court, West Lafayette, IN 47906	
	Citizenship <u>DE</u>	
	Post Office Address same as above	
2-00	Full name of second inventor Christopher M. Snively	
	Inventor's signature Christopher M. Drum	Date: June 7, 2002
	Residence 65932 McGregor Road, Bellaire, OH 43906	<u></u>
	Citizenship United States of America	
	Post Office Address same as above	
	Full name of third inventor Jan P. Heumann	
	Inventor's signature	Date:
	Residence Stubenrauchstr. 67, 12161, Berlin, DE 12161	Date.
	Citizenship DE	
	Post Office Address same as above	
	Full name of fourth inventor <u>Gudbjorg Oskarsdottir</u>	
	Inventor's signature	Date:
	Residence 3037 Courthouse Drive W. #3C, West Lafayette, Indiana 479	06
	Citizenship IS	5.5
	Post Office Address same as above	



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METHOD.	AND APPARATU	<u>S FOR SIMULTANEO</u>	US COLLECTION OF TIM	E RESOLVED	
INFRAREL	SPECTRAL INFO	<u>ORMATION FROM M</u>	ULTIPLE SAMPLES, the sp	ecification of v	vhich
(cf	neck one)		is attached hereto.		
		X	was filed on <u>17 July 2000 •</u>	<u></u>	_as
	Uni	ted States Application S	Serial No. 10/031,179		_or
	PC.	i international Applicati	ion No.		-
	and	was amended on	· · · · · · · · · · · · · · · · · · ·		
		((if applicable)	•	
I he	ereby declare that I	have reviewed and und	erstand the contents of the ab	oove identified	
I ac	knowledge the dut	y to disclose information	n which is material to patenta	ability as define	d in Title
37, Code of	Federal Regulation	ıs, §1.56.	·	·	
I he	ereby claim foreign	priority benefits under	Title 35, United States Code,	\$110(a) (d)	• .
foreign appl	ication(s) for paten	t or inventor's certificate	e on which priority is claimed	, 9119(a)-(a) 01	any
have also ide	entified below any	foreign application for r	patent or inventor's certificate	i (as listed belo	w) and I
before that o	of the application or	which priority is claim	ed:	e naving a min	g date
Prior Foreign	n Application(s)			.	
	a rippiication(3)			Priority C	Claimed
(Number)	(Country)	(Day/Month/Yea	r Filed)	Yes	No
(Number)	(Country)	(Day/Month/Yea	r Filed)	Yes	<u> </u>
,	((Day/Mondo I ca	i i neu)	res	No
I he	reby claim benefit	under Title 35, United S	States Code, § 119(e) of any	United States	
provisional a	pplication(s) listed	below.	, , , , , , , , , , , , , , , , , , , ,		
60/144,302	_		07/16/1000		
Application 1			<u>07/16/1999</u> Filing Date		
60/185,680			<u>02/28/2000</u>		
Application 1			Filing Date		
I ha	nahar alakus dha ha	C. 1 mil 44 mil	_		
nnlication(s	lieby claim the bene	effit under 1 itle 35, Unite	ed States Code, §120 of any	United States	
disclosed in t	hamita Unit 1 Co	insofar as the subject m	atter of each of the claims of	this application	n is not
United States	ne prior United Sta	ites application in the m	anner provided by the first pa	aragraph of Tit	le 35,
Code of Fodo	code, 9112, 1 ack	nowledge the duty to dis	sclose material information a	s defined in Tit	le 37,
he national o	rai Regulations, § 1	.36(a) which occurred b	petween the filing date of the	prior application	on and
ne national c	i PC1 internationa	I filing date of this appl	ication:		
PCT/US00/19	9325 —	17 July 2000			
Application		(Filing Date)	(Status)(Patented, Pendi	ng, Abandoned)
·			,	<u></u>	•
Application Serial No.)		(Filing Date)	(Status)(Patented, Pending, Abandoned))

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	Full name of Sole or first inventor <u>Jochen A. Lauterbach</u>		
	Inventor's signature	Date:	
	Residence 4308 Cathedral Court, West Lafayette, IN 47906	Date	
	Citizenship <u>DE</u>		
	Post Office Address same as above		
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	Inventor's signature	Date:	
	Residence 65932 McGregor Road, Bellaire, OH 43906		
	Citizenship Office States of America		
	Post Office Address same as above		
3-0	Full name of third inventor <u>Jan P. Heumann</u>		
	Inventor's signature	Date: Juni 16th, 1002	
	Residence Stubenrauchstr. 60, 12161, Berlin, DE 12161 Badsty. 18, 81	1379 Munich DE 81379 June 10,2002	16
	Citizenship DE 2	DEX.	0
	Post Office Address same as above		
	Full name of fourth inventor <u>Gudbjorg Oskarsdottir</u>		
	Inventor's signature	Date:	
	Residence 3037 Courthouse Drive W. #3C, West Lafavette, Indiana 479	906	
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	Post Office Address same as above		



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METHOD.	AND APPARATU	S FOR SIMULTANEO	US COLLECTION OF T	TIME DECOLVER	
INFRARED	SPECTRAL INFO	ORMATION FROM M	ULTIPLE SAMPLES, th	e specification of	<u>)</u> Which
(ch	neck one)		is attached hereto.	e specification of	WILLELI
		X	was filed on 17 July 200	00	as
	Uni	ted States Application S	Serial No. 10/031.179		_as or
	PC.	i international Applicat	ion No.		_0.
	and	was amended on			-
		((if applicable)	-	 -
I he specification	ereby declare that I n, including the clai	have reviewed and und im, as amended by any a	erstand the contents of th imendment referred to he	e above identified rein.	
I ac 37, Code of	knowledge the dut Federal Regulation	y to disclose informations, §1.56.	n which is material to pat	entability as defin	ed in Title
have also ide	entified below any	i or inventor's certificate	Title 35, United States Co on which priority is clai patent or inventor's certified:	mad (as listed hal	T L (
Prior Foreigr	n Application(s)			Priority (Claimed
(Number)	(Country)	(Day/Month/Yea	r Filed)	Yes	No
(Number)	(Country)	(Day/Month/Yea	r Filed) states Code, § 119(e) of a	Yes	No
provisional a	pplication(s) listed	below.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ing control states	
60/144 200	_				
60/144,302			<u>07/16/19</u>	99 -	
Application N 50/185,680	Number		Filing D		
Application Number			<u>02/28/20</u>		_
			Filing D	ate	
lisclosed in the Instantage of	he prior United Sta Code, §112, I ackral Regulations; §1	insofar as the subject material test application in the material test application in the material test and is	ed States Code, §120 of a atter of each of the claims anner provided by the first close material information the tween the filing date of cation:	s of this applications of this applications of Tites.	le 35,
CT/US00/19		<u>17 July 2000</u>			•
Application S	Serial No.)	(Filing Date)	(Status)(Patented, Pe	nding, Abandoned	i)
Application S	Serial No.)	(Filing Date)	(Status)(Patented, Pe	nding. Abandoned	<u>D</u>

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4-00	Full name of fourth inventor <u>Gudbjorg Oskarsdottir</u>	
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